

**Table 100.—Percent of public schools with building deficiencies and renovation plans, by level, enrollment size, metropolitan status, and free lunch eligibility: 1999**

| Type of school condition                                                                    | All public schools  | Instructional level <sup>1</sup> |                 | Size of school enrollment |                 |                 | Metropolitan status |                          |                  | Percent of students eligible for free or reduced-price lunch |                  |                  |                    |
|---------------------------------------------------------------------------------------------|---------------------|----------------------------------|-----------------|---------------------------|-----------------|-----------------|---------------------|--------------------------|------------------|--------------------------------------------------------------|------------------|------------------|--------------------|
|                                                                                             |                     | Elementary                       | Secondary       | Less than 300             | 300 to 599      | 600 or more     | Central city        | Urban fringe/ large town | Rural/small town | Less than 20 percent                                         | 20 to 39 percent | 40 to 69 percent | 70 percent or more |
| 1                                                                                           | 2                   | 3                                | 4               | 5                         | 6               | 7               | 8                   | 9                        | 10               | 11                                                           | 12               | 13               | 14                 |
| <b>Estimated number of schools <sup>2</sup></b>                                             | <b>78,313 (632)</b> | <b>59,940 —</b>                  | <b>15,505 —</b> | <b>18,095 —</b>           | <b>31,942 —</b> | <b>28,275 —</b> | <b>21,294 —</b>     | <b>27,846 —</b>          | <b>29,173 —</b>  | <b>21,216 —</b>                                              | <b>20,915 —</b>  | <b>20,947 —</b>  | <b>15,234 —</b>    |
| <b>Estimated enrollment, in thousands</b>                                                   | <b>45,000 (575)</b> | <b>— —</b>                       | <b>— —</b>      | <b>— —</b>                | <b>— —</b>      | <b>— —</b>      | <b>— —</b>          | <b>— —</b>               | <b>— —</b>       | <b>— —</b>                                                   | <b>— —</b>       | <b>— —</b>       | <b>— —</b>         |
| Percent of schools with temporary buildings .....                                           | 39 (2.0)            | 40 (2.5)                         | 37 (2.9)        | 21 (4.3)                  | 39 (3.1)        | 50 (2.5)        | 45 (3.6)            | 44 (3.1)                 | 29 (2.9)         | 35 (3.3)                                                     | 36 (3.0)         | 42 (3.7)         | 43 (4.6)           |
| <b>Percent of buildings in less than adequate condition</b>                                 |                     |                                  |                 |                           |                 |                 |                     |                          |                  |                                                              |                  |                  |                    |
| Original buildings .....                                                                    | 19 (1.6)            | 19 (1.8)                         | 21 (2.3)        | 22 (3.8)                  | 19 (2.4)        | 18 (2.0)        | 20 (2.7)            | 18 (2.6)                 | 19 (2.5)         | 20 (3.1)                                                     | 18 (2.4)         | 16 (2.5)         | 25 (4.2)           |
| Permanent additions .....                                                                   | 16 (1.8)            | 17 (2.1)                         | 14 (2.5)        | 16 (3.5)                  | 17 (2.7)        | 14 (2.4)        | 18 (3.6)            | 17 (2.8)                 | 14 (2.5)         | 8 (2.3)                                                      | 13 (3.3)         | 16 (3.2)         | 30 (5.1)           |
| Temporary buildings .....                                                                   | 19 (2.2)            | 18 (2.4)                         | 21 (4.5)        | — —                       | 22 (3.5)        | 20 (3.0)        | 19 (3.8)            | 18 (3.4)                 | 19 (4.1)         | 17 (4.4)                                                     | 16 (3.9)         | 19 (3.3)         | 25 (5.3)           |
| <b>Percent of schools with building features rated as less than adequate</b>                |                     |                                  |                 |                           |                 |                 |                     |                          |                  |                                                              |                  |                  |                    |
| At least one feature less than adequate .....                                               | 50 (1.5)            | 49 (1.9)                         | 56 (3.0)        | 55 (4.6)                  | 50 (2.9)        | 49 (2.3)        | 56 (3.7)            | 44 (3.2)                 | 52 (2.6)         | 45 (3.4)                                                     | 45 (3.7)         | 53 (3.3)         | 63 (4.5)           |
| Roofs .....                                                                                 | 22 (1.7)            | 22 (1.9)                         | 26 (3.1)        | 24 (3.8)                  | 22 (2.9)        | 22 (1.9)        | 23 (3.2)            | 19 (2.6)                 | 25 (2.9)         | 18 (2.9)                                                     | 21 (2.8)         | 22 (2.9)         | 32 (4.6)           |
| Framing, floors, and foundations .....                                                      | 14 (1.3)            | 14 (1.6)                         | 16 (2.2)        | 19 (3.1)                  | 12 (2.3)        | 14 (1.8)        | 12 (2.5)            | 13 (1.9)                 | 17 (2.5)         | 14 (2.4)                                                     | 11 (2.3)         | 16 (2.3)         | 17 (3.9)           |
| Exterior walls, finishes, windows, doors .....                                              | 24 (1.5)            | 23 (1.9)                         | 27 (2.7)        | 31 (3.9)                  | 21 (2.6)        | 23 (1.8)        | 27 (3.1)            | 21 (2.5)                 | 25 (3.0)         | 21 (2.6)                                                     | 21 (2.8)         | 25 (2.6)         | 30 (4.4)           |
| Interior finishes, trim .....                                                               | 17 (1.4)            | 17 (1.7)                         | 20 (2.3)        | 20 (3.2)                  | 16 (2.4)        | 18 (2.1)        | 20 (3.2)            | 16 (2.1)                 | 17 (2.4)         | 17 (2.5)                                                     | 14 (2.4)         | 14 (2.6)         | 26 (4.2)           |
| Plumbing .....                                                                              | 25 (1.7)            | 24 (1.9)                         | 28 (2.7)        | 28 (4.4)                  | 27 (3.2)        | 20 (2.1)        | 28 (3.4)            | 21 (2.3)                 | 26 (2.5)         | 23 (3.1)                                                     | 23 (2.8)         | 23 (3.4)         | 32 (4.3)           |
| Heating, ventilation, air conditioning .....                                                | 29 (1.5)            | 28 (1.8)                         | 34 (2.5)        | 29 (3.8)                  | 32 (2.9)        | 26 (1.8)        | 30 (3.0)            | 27 (2.5)                 | 31 (2.7)         | 28 (3.0)                                                     | 26 (2.7)         | 29 (2.8)         | 35 (4.2)           |
| Electric power .....                                                                        | 22 (1.4)            | 21 (1.8)                         | 25 (2.6)        | 23 (3.5)                  | 21 (2.9)        | 22 (1.8)        | 26 (2.9)            | 21 (2.2)                 | 19 (2.4)         | 18 (2.5)                                                     | 20 (2.4)         | 21 (2.6)         | 30 (4.6)           |
| Electrical lighting .....                                                                   | 17 (1.5)            | 17 (1.9)                         | 19 (2.3)        | 19 (3.2)                  | 17 (2.7)        | 16 (1.8)        | 18 (2.7)            | 15 (2.0)                 | 20 (2.3)         | 14 (2.1)                                                     | 15 (2.3)         | 18 (2.7)         | 24 (5.2)           |
| Life safety features .....                                                                  | 20 (1.3)            | 19 (1.6)                         | 22 (2.8)        | 26 (4.1)                  | 21 (2.4)        | 16 (1.7)        | 21 (2.9)            | 17 (2.1)                 | 23 (2.9)         | 16 (2.6)                                                     | 18 (2.1)         | 22 (3.3)         | 27 (3.5)           |
| Percent of schools needing to spend money to bring schools into good overall condition .... | 76 (1.5)            | 75 (1.7)                         | 79 (2.8)        | 82 (3.6)                  | 74 (2.3)        | 74 (2.0)        | 81 (2.7)            | 70 (3.1)                 | 78 (2.1)         | 73 (3.2)                                                     | 73 (3.2)         | 77 (2.7)         | 84 (3.4)           |
| Cost per student for all schools .....                                                      | \$2,900 (159)       | \$2,500 (159)                    | \$3,400 (379)   | \$3,900 (602)             | \$3,300 (376)   | \$2,500 (220)   | \$2,900 (327)       | \$2,600 (251)            | \$3,300 (339)    | \$2,900 (292)                                                | \$2,800 (301)    | \$3,000 (424)    | \$2,600 (325)      |
| Cost per student for schools needing to spend money .....                                   | \$3,800 (192)       | \$3,500 (217)                    | \$4,300 (442)   | \$4,800 (702)             | \$4,600 (503)   | \$3,300 (288)   | \$3,500 (384)       | \$3,800 (335)            | \$4,400 (442)    | \$4,100 (427)                                                | \$3,900 (383)    | \$3,900 (509)    | \$3,200 (366)      |
| <b>Percent of schools rating environment factors as unsatisfactory</b>                      |                     |                                  |                 |                           |                 |                 |                     |                          |                  |                                                              |                  |                  |                    |
| At least one factor is unsatisfactory .....                                                 | 43 (1.6)            | 41 (2.1)                         | 48 (2.8)        | 45 (4.6)                  | 46 (3.0)        | 39 (2.0)        | 47 (3.8)            | 37 (2.9)                 | 47 (2.9)         | 38 (3.4)                                                     | 42 (3.2)         | 41 (3.6)         | 55 (4.4)           |
| Lighting .....                                                                              | 12 (1.4)            | 12 (1.8)                         | 12 (2.0)        | 12 (2.9)                  | 14 (2.4)        | 10 (1.4)        | 14 (2.6)            | 11 (1.7)                 | 12 (2.2)         | 8 (2.0)                                                      | 13 (2.4)         | 10 (2.2)         | 19 (4.0)           |
| Heating .....                                                                               | 17 (1.3)            | 16 (1.6)                         | 19 (2.5)        | 16 (3.3)                  | 18 (2.5)        | 16 (1.6)        | 18 (2.6)            | 16 (2.1)                 | 16 (2.2)         | 17 (2.7)                                                     | 15 (2.1)         | 18 (2.7)         | 18 (3.2)           |
| Ventilation .....                                                                           | 26 (1.4)            | 25 (1.7)                         | 31 (2.8)        | 27 (3.9)                  | 31 (2.8)        | 21 (2.1)        | 30 (3.2)            | 20 (2.8)                 | 29 (2.9)         | 24 (3.2)                                                     | 29 (2.8)         | 24 (2.9)         | 29 (3.2)           |
| Indoor air quality .....                                                                    | 18 (1.3)            | 18 (1.6)                         | 18 (2.4)        | 19 (3.4)                  | 20 (2.3)        | 16 (1.7)        | 22 (3.2)            | 13 (2.3)                 | 21 (2.4)         | 14 (2.3)                                                     | 20 (3.0)         | 17 (2.6)         | 24 (3.5)           |
| Acoustics or noise-control .....                                                            | 18 (1.1)            | 17 (1.4)                         | 20 (2.8)        | 22 (3.8)                  | 19 (2.2)        | 12 (1.9)        | 20 (2.6)            | 13 (1.9)                 | 21 (2.7)         | 14 (2.3)                                                     | 18 (2.6)         | 15 (2.5)         | 25 (3.8)           |
| Physical security of buildings .....                                                        | 20 (1.2)            | 17 (1.5)                         | 26 (3.1)        | 21 (3.6)                  | 21 (2.4)        | 18 (1.7)        | 14 (2.6)            | 17 (2.1)                 | 26 (2.7)         | 17 (2.0)                                                     | 22 (2.7)         | 21 (3.0)         | 17 (3.6)           |
| Average years since original construction .....                                             | 40 (0.8)            | 40 (1.0)                         | 40 (1.6)        | 43 (1.7)                  | 42 (1.5)        | 35 (1.0)        | 42 (1.2)            | 37 (1.1)                 | 41 (1.5)         | 38 (1.6)                                                     | 38 (1.6)         | 40 (1.4)         | 44 (1.7)           |
| Average years since most recent renovation .....                                            | 11 (0.6)            | 11 (0.6)                         | 11 (0.9)        | 15 (1.4)                  | 11 (1.0)        | 9 (0.6)         | 12 (1.2)            | 10 (0.8)                 | 12 (0.9)         | 11 (1.0)                                                     | 11 (1.0)         | 11 (1.0)         | 11 (1.5)           |
| Average functional age <sup>3</sup> of school .....                                         | 16 (0.6)            | 16 (0.8)                         | 15 (0.8)        | 20 (1.6)                  | 15 (1.1)        | 14 (0.8)        | 17 (1.3)            | 14 (0.8)                 | 16 (1.1)         | 14 (1.0)                                                     | 16 (1.1)         | 14 (1.1)         | 19 (1.6)           |
| Distribution, by functional age <sup>3</sup> .....                                          | 100 —               | 100 —                            | 100 —           | 100 —                     | 100 —           | 100 —           | 100 —               | 100 —                    | 100 —            | 100 —                                                        | 100 —            | 100 —            | 100 —              |
| Less than 5 years old .....                                                                 | 32 (1.5)            | 30 (1.6)                         | 37 (2.7)        | 25 (4.1)                  | 32 (2.7)        | 37 (2.4)        | 30 (3.6)            | 34 (2.9)                 | 32 (2.9)         | 32 (3.4)                                                     | 30 (2.9)         | 37 (3.8)         | 30 (4.0)           |
| 5 to 14 years old .....                                                                     | 28 (1.5)            | 30 (1.9)                         | 24 (2.8)        | 21 (3.7)                  | 32 (2.7)        | 28 (2.4)        | 27 (3.1)            | 31 (2.7)                 | 26 (2.7)         | 33 (3.7)                                                     | 30 (3.0)         | 24 (3.0)         | 23 (3.7)           |
| 15 to 34 years old .....                                                                    | 26 (1.4)            | 25 (1.6)                         | 29 (2.9)        | 35 (4.1)                  | 23 (2.4)        | 23 (2.0)        | 26 (2.8)            | 23 (2.2)                 | 29 (2.9)         | 24 (3.1)                                                     | 25 (2.6)         | 28 (2.7)         | 26 (4.0)           |
| 35 or more years old .....                                                                  | 14 (1.4)            | 15 (1.7)                         | 10 (2.0)        | 20 (3.6)                  | 13 (2.5)        | 12 (1.8)        | 17 (2.9)            | 12 (1.9)                 | 13 (2.4)         | 11 (2.2)                                                     | 15 (2.7)         | 11 (2.2)         | 21 (3.9)           |
| Percentage distribution of schools, by enrollment capacity .....                            | 100 —               | 100 —                            | 100 —           | 100 —                     | 100 —           | 100 —           | 100 —               | 100 —                    | 100 —            | 100 —                                                        | 100 —            | 100 —            | 100 —              |
| Underenrolled by more than 25 percent .....                                                 | 19 (1.5)            | 17 (1.7)                         | 21 (2.7)        | 41 (5.0)                  | 15 (2.5)        | 8 (1.4)         | 16 (3.0)            | 12 (2.0)                 | 27 (2.7)         | 15 (2.4)                                                     | 19 (3.1)         | 15 (2.7)         | 27 (4.0)           |
| Underenrolled by 6 to 25 percent .....                                                      | 33 (1.7)            | 31 (2.1)                         | 43 (3.0)        | 30 (4.2)                  | 37 (2.8)        | 31 (3.4)        | 33 (3.3)            | 36 (3.0)                 | 30 (3.2)         | 38 (3.2)                                                     | 34 (3.2)         | 33 (4.0)         | 26 (4.1)           |
| Enrollment within 5 percent of capacity .....                                               | 26 (1.5)            | 28 (2.0)                         | 17 (1.9)        | 16 (3.4)                  | 29 (2.6)        | 30 (2.0)        | 24 (2.9)            | 28 (2.8)                 | 26 (2.4)         | 24 (3.3)                                                     | 26 (3.0)         | 29 (3.4)         | 24 (3.9)           |
| Overcrowded by 6 to 25 percent .....                                                        | 14 (1.2)            | 15 (1.5)                         | 11 (1.9)        | 10 (2.9)                  | 14 (2.5)        | 18 (1.6)        | 15 (1.8)            | 17 (2.0)                 | 11 (2.4)         | 16 (2.8)                                                     | 13 (2.4)         | 16 (2.6)         | 12 (2.6)           |
| Overcrowded by more than 25 percent .....                                                   | 8 (0.9)             | 8 (1.1)                          | 8 (1.8)         | 4 (1.6)                   | 5 (1.2)         | 14 (1.8)        | 11 (2.3)            | 8 (1.6)                  | 6 (1.3)          | 6 (1.6)                                                      | 8 (1.8)          | 7 (2.0)          | 12 (2.9)           |
| <b>Percent of schools with plans to make building improvements in next 2 years</b>          |                     |                                  |                 |                           |                 |                 |                     |                          |                  |                                                              |                  |                  |                    |
| At least one major repair, renovation, or replacement planned .....                         | 51 (1.6)            | 49 (2.2)                         | 57 (3.1)        | 45 (4.4)                  | 52 (2.9)        | 53 (2.4)        | 55 (3.8)            | 50 (3.3)                 | 48 (3.2)         | 52 (3.8)                                                     | 44 (3.1)         | 52 (3.4)         | 56 (3.9)           |
| Major repair or renovation planned .....                                                    | 41 (1.8)            | 39 (2.3)                         | 48 (3.2)        | 36 (4.2)                  | 40 (3.1)        | 45 (2.6)        | 48 (3.6)            | 40 (3.2)                 | 36 (2.9)         | 41 (3.5)                                                     | 36 (3.2)         | 43 (3.5)         | 46 (4.1)           |
| Replacement planned .....                                                                   | 25 (1.2)            | 23 (1.6)                         | 28 (2.6)        | 19 (3.2)                  | 26 (2.2)        | 27 (2.1)        | 29 (3.2)            | 24 (2.4)                 | 22 (2.2)         | 25 (3.4)                                                     | 21 (2.7)         | 25 (3.2)         | 30 (3.7)           |
| <b>Percent of schools with construction projects planned in next 2 years</b>                |                     |                                  |                 |                           |                 |                 |                     |                          |                  |                                                              |                  |                  |                    |
| Build permanent addition .....                                                              | 20 (1.4)            | 19 (1.7)                         | 23 (2.8)        | 17 (3.0)                  | 19 (2.4)        | 24 (1.7)        | 17 (2.0)            | 25 (2.4)                 | 17 (2.0)         | 23 (2.9)                                                     | 18 (2.5)         | 21 (3.0)         | 18 (3.3)           |
| Install new temporary buildings .....                                                       | 10 (1.1)            | 10 (1.3)                         | 13 (1.9)        | 6 (1.9)                   | 6 (1.4)         | 18 (2.1)        | 11 (2.4)            | 13 (1.7)                 | 7 (1.4)          | 10 (2.1)                                                     | 12 (2.3)         | 10 (2.1)         | 9 (2.1)            |

—Not available.

<sup>1</sup> Combined elementary/secondary schools not shown separately, but included in total and in other categories.<sup>2</sup> Excludes special education, vocational, and alternative schools, as well as those schools offering only preprimary education.<sup>3</sup> Functional age is defined as the age of the school based on the year of the most recent renovation or the year of construction of the main instructional building(s) if no renovation has occurred.

NOTE: Data are derived from sample surveys and are subject to sampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Condition of America's Public School Facilities: 1999*. (This table was prepared August 2000.)